

Abstract:

The invention relates to a device for adjusting rotation angles, in particular to an electrical rotary switch (1). The device has a stator (2) and a rotor (3) which is mounted on the stator (2) such that it can rotate, such that the rotor (3) can be moved between at least two rotation angle positions. Furthermore, the device has a magnet (4), in particular a permanent magnet, which can be moved by means of the rotor (3), and a magnetic field sensor (5), in particular a Hall sensor, which is associated with the magnet (4), in order to produce a signal which corresponds to the rotation angle position. The stator (2) has a receptacle (8) which is open on one side and is in particular approximately in the form of a pot, with the receptacle (8) forming a rotating bearing for the rotor (3). The magnetic field sensor (5) is arranged in the receptacle (8) on the stator (2) and/or on a part which is mounted in the stator (2), such that the stator (2) is used as a mount for the magnetic field sensor (5). The magnet (4) can be arranged such that it can be moved in order to adjust its position with respect to the rotor (3), so as to allow adjustment of the position of the magnet (4) in one rotation angle position of the rotor (3).